

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Please Cancel Claims 2 and Claim 6-10

1. (Currently Amended) A therapeutic agent for treatment of mastitis in ~~livestock~~ cattle ~~comprising~~ consisting essentially of glycyrrhizin or pharmaceutically acceptable salts thereof as effective ingredients and a pharmaceutically acceptable carrier, wherein the therapeutic agent is directly administered into the mammae of the cattle.

2. (Cancelled ).

3. (Currently Amended) A therapeutic method for treatment of mastitis in ~~livestock~~ cattle comprising administering a therapeutic agent consisting essentially of glycyrrhizin or pharmaceutically acceptable salts thereof and a pharmaceutically acceptable carrier to the mammae of the ~~livestock~~ cattle.

4. (Currently Amended) The therapeutic method for treatment of mastitis in ~~livestock~~ cattle according to Claim 3, wherein glycyrrhizin or pharmaceutically acceptable salts thereof is administered by direct injection.

5. (Currently Amended) The therapeutic method for treatment of mastitis in ~~livestock~~ cattle according to Claim 3, wherein glycyrrhizin is directly administered to the mammae of the ~~livestock~~ cattle during the milk secretion period.

6-10. (Cancelled).

11. (New) A therapeutic agent for treatment of mastitis in cattle comprising a composition consisting essentially of glycyrrhizin or pharmaceutically acceptable salts thereof as effective ingredients, a buffer, a stabilizer, an antioxidant, and a pharmaceutically acceptable carrier, wherein the therapeutic agent is directly administered into the mammae of the cattle.